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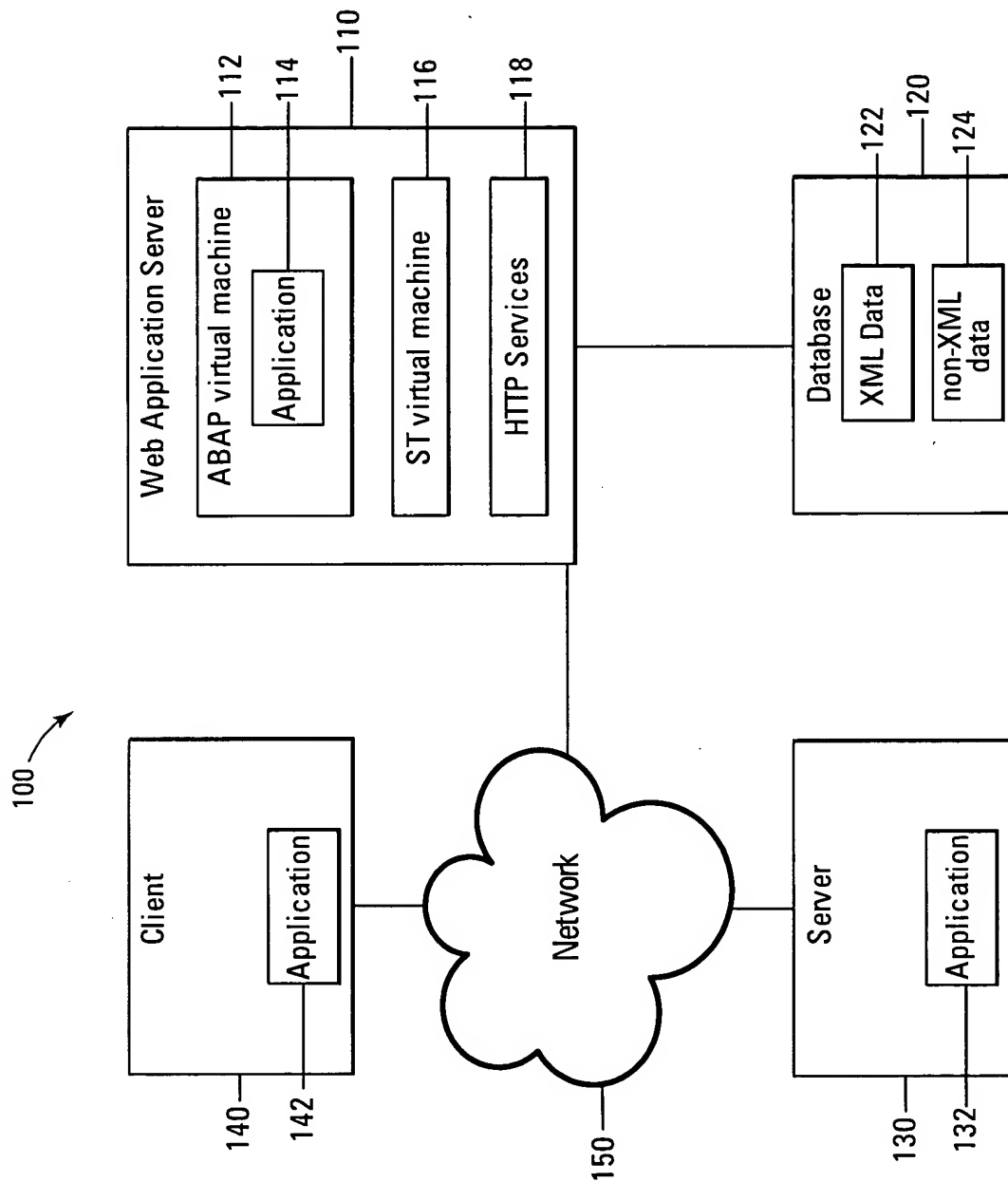
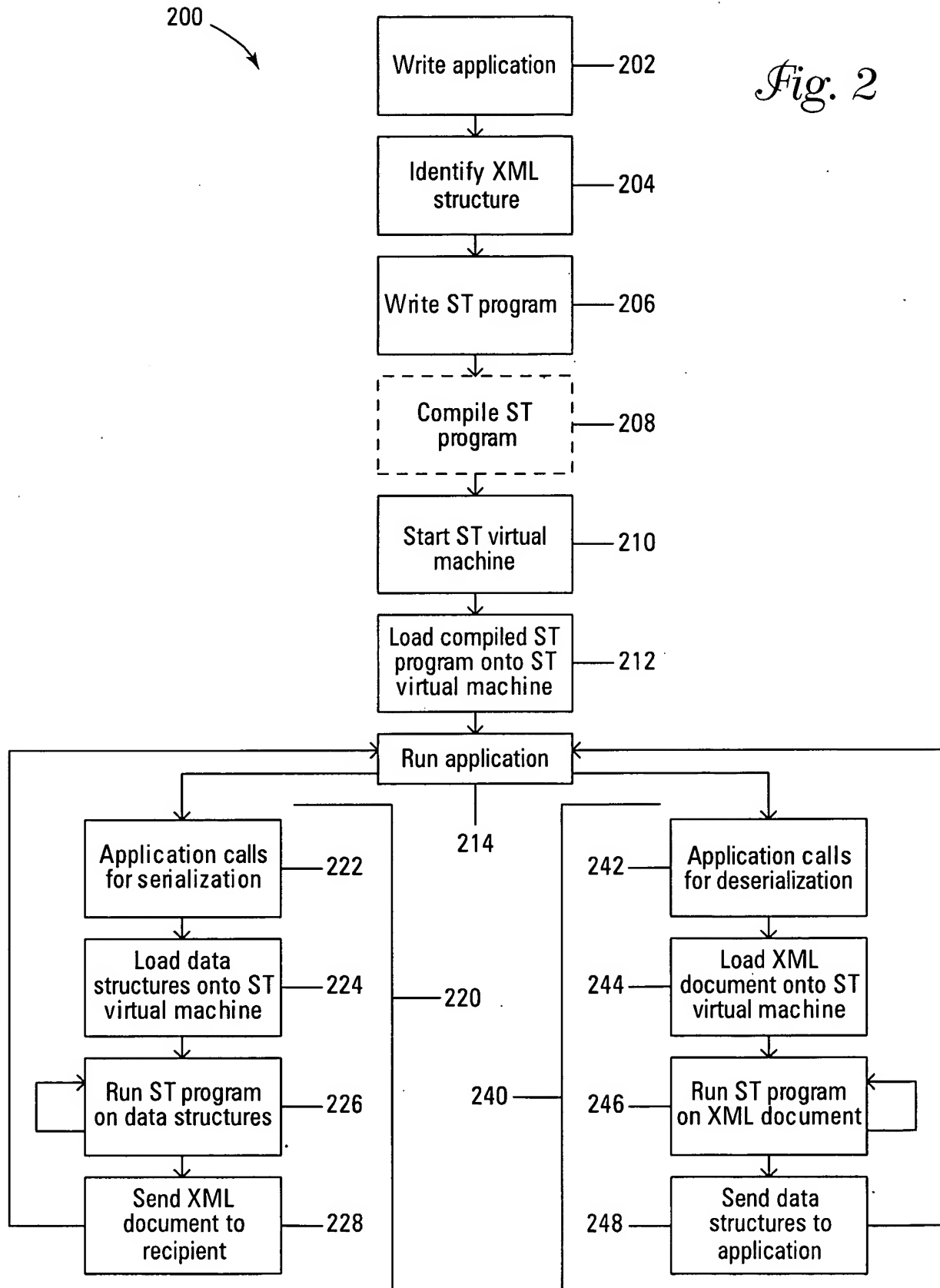


Fig. 1

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```

302 <tt:transform version="0.1"
302 xmlns:tt="http://www.sap.com/transformation-templates"
302 xmlns:pl="pl"
302
398 <!-- *****
398 SAP Simple Transformations sample program, demonstrates
398 most ST instructions
398 Copyright (c) 2003, SAP AG, Germany. All rights reserved.
398 ***** -->
304 <tt:include name="include.xtt"/>
306
306 <tt:root name="R1"/>
308 <tt:root name="R2"/>
310
310 <tt:template>
312
312 <x0>
398
398 <!-- literal element with literal attributes -->
314 <x1 all="v1" all2="v12">
398
398 <!-- ref-node value -->
316 <tt:value ref="R1.C1"/>
318 </x1>
398
398 <!-- element with ref-node value -->
320 <x2 tt:value-ref="R1.C2"/>
398
398 <!-- element with literal value and lax matching -->
322 <x3 tt:lax="y"><tt:text> text3</tt:text></x3>
398
398 <!-- element in namespace -->
324 <pl:x4 xmlns:p2="u2" tt:ref="R2.C1">
398
398 <!-- attribute with ref-node value -->
326 <tt:attribute name="a41" value-ref=".R1.C3"/>
398
398 <!-- attribute with complex content -->
328 <tt:attribute name="p2:a42" ref=".R1.C4">
330 <tt:text>text42</tt:text>
332 <tt:value/>
334 </tt:attribute>
398
398 <!-- empty element -->
336 <x41/>
398
398 <!-- value with follow-text -->
338 <tt:value/>
336 <tt:text>text4</tt:text>
398 </pl:x4>
398
398 <!-- value with special mappings -->
302 <tt:value ref="R2.C2"
302 map="s('~','+', '~-'), d('~','~')"/>
398
398 <!-- copy of sub-tree -->
302 <tt:copy ref="R2.C3"/>
398
398 <!-- loop over table -->
302 <tt:loop ref="R2.C4"><x5 tt:value-ref="R2.C5"/></tt:loop>
398
398 <!-- skip elements -->
302 <tt:skip name="pl:x6" count="*" />
398
398 <!-- call -->
302 <tt:call transformation="ST1">
302 <tt:with-root name="R1" ref="R2.C5"/>
302 </tt:call>
398
398 <!-- basic conditional with assertion -->
302 <tt:cond data="equal('R2.C7',42)">
302 <x7 tt:value-ref="R2.C8"/>
302 </tt:cond>
398
398 <!-- switch -->
302 <x8 tt:ref="R1">
302 <tt:switch>
302 <tt:cond data="initial(C5)">
302 <tt:attribute name="nil">true</tt:attribute>
302 </tt:cond>
302 <tt:s-cond data="check(less(C5,100))">99</tt:s-cond>
302 <tt:cond data="check(less-equal(C5,200) and
302 (not (type-I(C4)) or greater-ref(C5,C4)))">
302 <tt:value ref="C5"/>
302 </tt:cond>
302 <tt:d-cond data="equal(C5,100)">
302 <tt:empty/>
302 </tt:d-cond>
302 </tt:switch>
302 </x8>
398
398 </x0>
398
398 </tt:template>
398 </tt:transform>

```

Fig. 3

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